
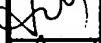
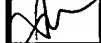


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| Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | <i>Complete if Known</i> | | |
| | | | Application Number | 10/633906 | |
| | | | Filing Date | | |
| | | | First Named Inventor | Hirotake YAMADA | |
| | | | Art Unit | 1775 | |
| | | | Examiner Name | | |
| | | | Confirmation No. | | |
| Sheet | 1 | of | 1 | Attorney Docket No. | 811_009 DIV |

U.S. PATENT DOCUMENTS

| Exam. Initial | Document Number | Date | Name | Class | Sub Class | Filing Date |
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|  | US 2002/0018921 A1 | 2/14/2002 | Yamada et al. | | | 4/16/2001 |
|  | 6,410,471 | 6/25/2002 | Kaneyoshi | | | |
|  | 5,008,221 | 4/16/1991 | Ketcham | | | |
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U.S. COPENDING APPLICATIONS

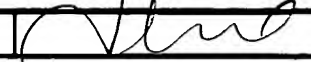
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

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| Examiner: |  | Date Considered: | 12/10/05 |
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| | | | | Application Number | 10/633,906 |
| | | | | Filing Date | August 4, 2003 |
| | | | | First Named Inventor | Hirotake YAMADA |
| | | | | Art Unit | 1775 |
| | | | | Examiner Name | Not Assigned |
| | | | | Confirmation No. | 7550 |
| Sheet | 1 | of | 1 | Attorney Docket No. | 811_009 DIV |




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|  | AD | HEE JAE KIM: "Plasma-sprayed Alumina-Yttria Ceramic Coating for Cavitation-erosion Protection" JOURNAL CORROSION SCI. SOC. OF KOREA vol. 18, no. 3, Sept. 1989, pgs. 140-146 |
|  | AE | C. K. ULLAL: "Non-equilibrium Phase Synthesis in Al ₂ O ₃ -Y ₂ O ₃ by Spray Pyrolysis of Nitrate Precursors" ACTA MATER., vol. 49, 2001, pgs. 2691-2699 |
|  | AF | T. SUGAMA: "Y ₂ O ₃ -sealed Ni-Al protective coatings for inconel 625" SURFACE AND COATINGS TECHNOLOGY, vol. 106, 1998, pgs. 106-116 |

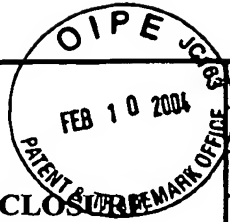
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Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)




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| Sheet | 1 | of | 1 | Application Number | 10/633,906 |
| | | | | Filing Date | August 4, 2003 |
| | | | | First Named Inventor | Hirotake YAMADA |
| | | | | Art Unit | 1775 |
| | | | | Examiner Name | Arden B. Sperty |
| | | | | Confirmation No. | 7550 |
| | | | | Attorney Docket No. | 811_009 DIV |

U.S. PATENT DOCUMENTS

| Exam. Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
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U.S. COPENDING APPLICATIONS


| Exam. Initial | | Application/ Publication Number | Filing/ Publication Date | Inventor Name | Our Docket No. | Class | Sub Class |
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|  | AG | 10/746,353 | 12/24/2003 | Yamada et al. | 811_039 | | |
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| Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/633,906 |
| | | | | Filing Date | August 4, 2003 |
| | | | | First Named Inventor | Hirotake YAMADA |
| | | | | Art Unit | 1775 |
| | | | | Examiner Name | Sperty, Arden B. |
| | | | | Confirmation No. | 7550 |
| Sheet | 1 | of | 1 | Attorney Docket No. | 811 009 DIV |

U.S. PATENT DOCUMENTS

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U.S. RELATED COPENDING APPLICATIONS

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FOREIGN PATENT DOCUMENTS

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| AK | | 08-290977 A | 11/5/1996 | Japan | | | | ✓ |
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| Examiner: | <i>[Signature]</i> | Date Considered: | 12/10/05 |
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*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above U.S. references.

Form PTO-1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

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|----------------------|-----------------|
| Application Number | 10/633,906 |
| Filing Date | August 4, 2003 |
| First Named Inventor | Hirotake YAMADA |
| Art Unit | 1775 |
| Examiner Name | Not assigned |
| Confirmation No. | 7550 |
| Attorney Docket No. | 811_009 DIV |

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| Exam. Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
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| Exam. Initial | | Application/ Publication Number | Filing/ Publication Date | Inventor Name | Our Docket No. | Class | Sub Class |
|---------------|----|------------------------------------|-----------------------------|---------------|----------------|-------|-----------|
| <i>AI</i> | AI | 2003/0186034 A1 | 10/02/2003 | Yamada | 811_025 | | |
| <i>AJ</i> | AJ | 2003/0232221 A1 | 12/18/2003 | Yamada et al. | 811_034 | | |
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| Examiner: | <i>[Signature]</i> | Date Considered: | 12/10/05 |
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| | | | | Application Number | 10/633,906 |
| | | | | Filing Date | August 4, 2003 |
| | | | | First Named Inventor | Hirotake YAMADA |
| | | | | Art Unit | 1775 |
| | | | | Examiner Name | McNeil, Jennifer C. |
| | | | | Confirmation No. | 7550 |
| Sheet | 1 | of | 1 | Attorney Docket No. | 811_009 DIV |

U.S. PATENT DOCUMENTS


| Exam Initial | | Document Number | Date | Name | Our Docket No. | Class | Sub Class | Filing Date |
|-----------------|----|-----------------|------------|---------------|----------------|-------|--------------|-------------|
| AL | AL | 2001/0003271 A1 | 06/14/2001 | Otsuki | | | | |
| AM | AM | 4,911,987 | 03/27/1990 | Sakata et al. | | | | |
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| AN | AN | 1 439 947 | 06/16/1976 | GB | | | | |
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